

# The Oscillator

*The Club...wants to be instrumental in helping the prospective and established Amateur to become a proficient communicator in the Amateur Radio Service.*

**Oregon Tualatin Valley Amateur Radio Club**

Est: 1978

## Harold Appointed to Antarctic Project

The Australian Antarctic Division (AAD) has announced that Harold Landers, WAØBRU, has been appointed to the work of a lifetime. His appointment takes effect on April 1st. Parliamentary Secretary for the Australian Antarctic program Dr Sharman Stone said that the AAD was looking for suitably qualified women and men to undertake and support science programs and to maintain Australia's stations at Casey, Davis and Mawson and on Macquarie Island. The appointment of WAØBRU will fulfill several mission objectives. Dr Stone said she was keen to see more women in Antarctica, with the

government committed to gender equity in the Australian Antarctic program. Harold's selection is expected to further this objective by encouraging the application of female staff suitable for the project. Harold was identified as a world-recognized expert in wintering over of women. "While women have been wintering in Antarctica since 1981, their representation is substantially below that of men at Australian stations," said Dr Stone. Additionally, Harold will bring a technological expertise that will allow the wiring of Antarctic wildlife for APRS reporting of location. Thus, See ANTARCTIC, P.3

### THE PROGRAM

We start at 7:00 pm at the Beaverton Elks' Club, 3500 SW 104th Ave, Beaverton (1 block north of Canyon Road).

The Evergreen Intertie is one of the strongest link systems for repeaters in the West. The Western Oregon Amateur Radio Club will tell us the story of the intertie at the April 9th meeting.

Come early at 6:00 pm and get a no-host meal at the Elks' Buffet.

### OTVARC Club SPOTLIGHT:

#### Events

- SEAPAC (June 13-15, 2003)
- Travelers' Trips
- Fifth Wednesday - April 30
- Lunch Bunch
- Volunteer Exams - April 5
- Field Day (June 28 - 29)
- Annual Christmas Dinner

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## From the Bridge H. D. Landers WAØBRU

Well, deadline time! I, again, have to rush my article to W6ABM.

My eye is getting better. I see only one copy of the screen, now. Having to "kick back" sure has taken a toll on me. Now, to get back into condition again. Maybe

when the rain stops I'll try walking up to the Mall. Of course, you PROBABLY guessed I would have to stop at Jack In The Box, Kentucky Fried Chicken, or even worse, Star Sushi.

Now, our country is at war. Terrorism is heavy on everyone's

mind. As ham radio operators we need to do all we can to support our ARES mission. Unfortunately, many who use the right of free speech have fallen prey to the foreign powers that want to tear down our country. Some overstep See BRIDGE, P. 3

## ARES and QUAKEK '03

As I write this, the Washington County Amateur Radio Emergency Service (ARES) group is preparing to participate in their biggest exercise effort to date - a state-wide Quakex '03 drill on Wednesday, April 2nd, 10:00 a.m. - 2:00 p.m.

All the participating Washington County agencies have agreed to exercise with NO PHONES and NO COMMERCIAL POWER! Their 800 MHz public safety radio system will be operating in simulated "fail soft" mode, using only simplex communications. Some agencies will also revert to their backup VHF radio systems. Communications between agencies, however, will be conducted primarily via amateur radio.

Quakex '03 is a huge deal for amateur radio, as it will involve about 45 amateur radio operators supporting

twelve different served agencies at eighteen different locations! That's a great effort, especially for a work day. Thank you to all who are planning to participate!

As part of the preparations, the ARES group has undertaken a pretty heavy training schedule of one or two Saturday training sessions each month for the past three months, and a couple of weekday evening meetings, in addition to the regular monthly ARES meetings. Although geared toward the exercise, many of these training sessions were attended by folks just wanting to put together a portable packet or SSTV system. As a result, we have a lot more portable capability to offer our served agencies.

Some of that new capability may show itself during Field Day operations! If you're reading this prior

to April 2nd, there is still time to check out the frequency plan and listen in on exercise day.

Quakex '03 plans are posted on the Washington County ARES web site at: <http://www.washcoares.org/quakex03-1.html>. Should you discover you have the time and inclination to become a "spontaneous" volunteer, just listen to the District 1 net on the 147.32 MHz repeater for periodic announcements directing you to the D1 Resource Net. They'll do their best to match your skills to an exercise need.

If you haven't checked out the new Washington County ARES' website, you should take a look at <http://www.washcoares.org>. There is enough information to keep you browsing for quite some time.

See QUAKEK '03, Page 3

## Club Events

**April 5: Exam Session**

**April 9: Monthly Club Meeting at Beaverton Elks'**

**April 23: Board Meeting, Everyone invited. TVF&R Station 67, 7:00 pm**  
**April 26: Lunch Bunch**

**April 30: Fifth Wednesday Contest, 8:00 pm**

**May 14: Monthly Club Meeting at Beaverton Elks'**

**May 28: Board Meeting, Everyone invited. TVF&R Station 67, 7:00 pm**

**June 11: Monthly Club Meeting at Beaverton Elks'**

**June 13 - 15: SEAPAC Northwestern Division ARRL Convention, Seaside, Oregon**

**June 25: Board Meeting, Everyone invited. TVF&R Station 67, 7:00 pm**

**June 28 - 29 Field Day '03**

## HamFests

**April 5: Eastern Washington Yakima ARC, Yakima WA**  
<http://w7aq.ykm.com>

**May 10: Western Washington Stanwood-Camano ARC, Stanwood WA, [huppert@whidbey.net](mailto:huppert@whidbey.net)**

**June 14-15: SEAPAC Northwestern Div Convention, Seaside OR, [www.seapac.org](http://www.seapac.org)**

## In The News

Did you catch the story in The OREGONIAN on March 27th? Ernie K7EAJ was featured in a story outlining ARES preparations.

Ernie said, "...people don't really envision what might happen..."

Congratulations, Ernie.

## Antarctic, from Page 1

human staff will be required to spend less time outdoors in the Winter period.

Harold's break-through antenna development work will make unsurpassed contributions. Dr Stone added that while suitable qualifications and experience were essential, so too was people's ability to live and work harmoniously in close proximity and where conditions were often inhospitable. "Not everyone is suited to the extremes of the Antarctic environment or to

living for long periods in confined quarters, so the assessment of applicants' personal qualities is necessarily rigorous to ensure, as far as is possible, that expeditioners will be able to cope.

Harold will offer his personal commentary on the appointment at the April 9th meeting of ORVARC.

[Thanks to the April Conspiracy for contributions to this story, -ed]

## BRIDGE, from Page 1

their right and become terrorists. Once they disrupt the daily lives of fellow citizens and local commerce they become terrorists working for those foreign powers and no longer protestors.

Without regard of your personal feelings about war, help support our troops. If one has a relative over there, originate messages to the troops among your family and friends. NTS and MARS are a good way to do just that.

Don't forget! We know there are home-grown terrorists and the suspected presence of foreign terrorists on our soil. We must be prepared for whatever will happen.

Do you have a 72 hour kit to protect yourself and your family? Do you have portable, mobile, battery, or generator power. How quickly can you get on the air to help meet neighborhood, city, state, or national needs. Do your family members have a plan in case of an emergency?

Most of all, keep your family, friends, community and country in your prayers. If you don't believe in a god, then keep them in your thoughts. Be personally prepared to help in any way you can. That's the spirit of amateur radio.

73  
Harold WAØBRU

## Quakex '03, From Page 2

There are links to "freeware" software that will get you operating on packet and SSTV. There is also an "events" page that lists upcoming training classes, and a Washington County ARES list serve that will keep you up-to-date on the latest events.

If you are a Washington County ARES member, you're probably already on the e-mail list. If not, you can subscribe by following the links to the "listserve information." Thanks for listening!

## ECC AT SEAPAC

The ARRL will offer a free Amateur Radio Emergency Communications (ARECC) seminar Friday, June 13, in conjunction with the ARRL Northwestern Division Convention, SEAPAC in Seaside. The seminar will not include the Level I course itself. This program is designed to explain in greater detail the duties of volunteer certification mentors, instructors and examiners of the Amateur Radio Emergency Communications courses and provide additional information for those considering these volunteer positions. "With Level I emergency communications training being offered nationwide under the homeland security grant from the Corporation for National and Community Service, we hope to have all ARECC team players reading from the same page to ensure success under the federal grant guidelines," said ARRL Emergency Communications Course Manager Dan Miller, K3UFG. The seminar will be held Friday, June 13, from 1 to 5 PM. Seating may be limited. Contact Dan Miller, K3UFG, [k3ufg@arrl.org](mailto:k3ufg@arrl.org).



## OTVARC 5TH WEDNESDAY RADIO CONTEST - April 30, 2003

- 1) Object: To work as many amateur stations as possible in as many different 5-digit ZIP codes as possible, using 147.54 FM simplex.
- 2) Contest Period: 2000 local through 2100 local, Wednesday, April 30, 2003 (8:00 – 9:00 PM PDT).
- 3) Categories:
  - A) Single Operator: One person performs all operating and logging functions.
  - B) Single Operator QRP: Same as (A) with a power limitation of 5 watts.
  - C) Multi-operator: More than one person performing operating and logging functions.
- 4) Exchange: Operating 5-digit ZIP Code and Station Category.
- 5) Scoring:
  - A) QSO points: Count one (1) point for each complete single operator or multi-operator QSO. Count two (2) points for each complete single operator QRP contact.
  - B) Multiplier: The total number of 5-digit ZIP codes worked,
  - C) Total score: Multiply the total number of QSO points by the multiplier.
- 6) Miscellaneous:
  - A) Partial QSOs do not count. Both calls, the full exchange, and acknowledgement must be sent and received.
  - B) While no minimum distance is specified for contacts, equipment should be capable of real communications (ie. able to communicate over at least 1 km.).
  - C) Use of repeaters and telephones to coordinate contacts is not allowed.
  - D) Rovers are not allowed as entries in the contest. Mobile stations can be contacted by stations in the contest. Mobile stations will not have a ZIP code and will not count toward the multiplier count.
  - E) Only one call may be used by any station.
- 7) Reporting:
  - A) Entries must be delivered to the contest organizers at or before the May 14, 2003 OTVARC club meeting. (to: Jim Schaeffer, KB7ADH), or by mail to the Club Post Office Address.
  - B) Entries must be made on log sheets showing time of QSO, Call, Zip Code and Contest Category.
- 8) Awards:
  - A) Certificates will be awarded for the top points winner in each station category.
  - B) Awards will be made at the club meeting June 11, 2003.

### Contest Summary Sheet

Call Used \_\_\_\_\_ Operating ZIP Code \_\_\_\_\_

Other Operators \_\_\_\_\_

Category: A - Single Op B - Single Op QRP C - Multi-operator

Scoring:

Category A QSO's \_\_\_\_\_

x 1 = \_\_\_\_\_

Category B QSO's \_\_\_\_\_

x 2 = \_\_\_\_\_

Category C QSO's \_\_\_\_\_

x 1 = \_\_\_\_\_

TOTAL QSO Points \_\_\_\_\_

Times Number of Zip Codes x \_\_\_\_\_

TOTAL CLAIMED SCORE \_\_\_\_\_

Signed \_\_\_\_\_

Date \_\_\_\_\_



## Field Day 2003: "When All Else Fails..." by JD K7JDF

The initial site evaluation by your OTVARC Field Day 2003 Committee has been completed. We are now in the preliminary phase of the site layout and logistics planning for this year's event set for the North Area A of Hillsboro's Shute Park.

Special thanks and recognition to Maureen O'Rourke (KA7LAP) and John Anderson (KA7BRZ) for their help in getting our logistics session calibrated properly.

Once again many thanks to the extremely high level of cooperation

shown by the Hillsboro Parks and Recreation Board in allowing Club use of Shute Park during overnight hours.

Betty Mickley (N7REX) has also graciously allowed OTVARC use of several outdoor coverings, however we still need a truck for transport and a crew of at least 8, complete with sledge hammers, to erect and dismantle on Saturday and Sunday, respectively.

Brad Wells (KD7RTD) will be helping us out with site security

and power distribution with his ultra quiet 2 kw Honda generator.

There are several other items we still need provided:

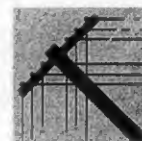
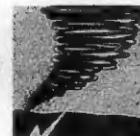
- Sound meter for use in determining generator noise levels
- 6 to 7 halogen work lights on stands
- 7 Tables for operating positions and information booth, preferably 2ftx4ft, folding
- Dayglow parking cones
- 8 rain tarps

A reminder that this year's event happens Saturday June 28<sup>th</sup> through Sunday the 29<sup>th</sup>. We need operators for three hour shifts beginning at 11:00a m Saturday morning and continuing through 1:00 pm Sunday afternoon. Setup crew help will be needed beginning at 7:00 am Saturday Morning.

**At this time you have your choice of shifts operating:**

- General Class (10, 20, 80 & possibly 160 meters)

**WHEN  
ALL  
ELSE  
FAILS...**



- UHF/VHF (440, 2 & 6 meters)
- 40 meters QRP
- GOTA (Get On The Air help with visitors)
- CW
- Satellite & digital
- Club trailer/information shelter

**All in all things are beginning to come together and I look forward to getting you signed up for a shift!**

Let me know if you can, plan to, or will be able to help us out this year. Enjoy your Spring Cleaning and see you on the radio!

JD k7jdf@arrl.net

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## VE News

Your VE team will hold a session on Saturday 5 April at Ronler Acres Fire Station.

Our next session is at SEAPAC on Saturday 14 June at the Lutheran Church, across from the Convention Center. Contact Carl at:

ws7l@arrl.net, 503.629.5796.

## Lunch Bunch/Travelers

Join the LUNCH BUNCH on Saturday, April 26th at 1:30 pm. Information? Call Julie at 503.646.1546 or kd7gqw@aol.com.

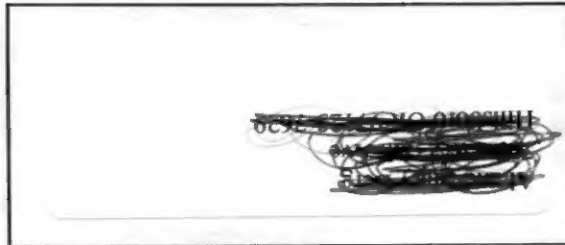
There will be NO TRAVELERS activity in April.

## Hidden Transmitters

How about trying your hand at hidden transmitter hunting. Our March program showed us that it is doable and fun.

For help and more information contact Shannon N7APE at n7ape@amsat.org.

# CLUB MEETING APRIL 9TH



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w7otv@arrl.net  
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Repeaters: 146.96 MHz  
440.350 MHz (127.3)  
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Oregon Tualatin Valley  
Amateur Radio Club



FIRST CLASS MAIL



## CLUB INFORMATION

The Oregon Tualatin Valley Amateur Radio Club is a special service club related to ARRL: The National Association for Amateur Radio. We advance the Amateur Radio Service through:

- ⇒ Education and Training of new and licensed amateurs
- ⇒ Public Service and Emergency communication
- ⇒ Hobby nets, contests and meetings
- ⇒ Social events

Membership is available to anyone interested in amateur radio. A license is not required.

Membership dues are \$15/year; Family member(s) of full members at same address \$20/household; Full Time students and members of two years or more at age 70 or older (Life Members) are dues free. See Club Treasurer about purchase of life membership prior to age 70. If you wish to join during the year, dues are pro-rated.

Membership applications may be found on the Club Website or on request from the Treasurer.

The OSCILLATOR is published Monthly for members.

### Happy April Birthday

- 2 Loren Hoover
- 4 Kenneth Moore W7GU
- 12 Mel Sutton KB7PVW
- 16 Ronald Remsen W7YOW
- 18 Wes Allen K7WWG
- 21 Rick Rasch K7VLS
- 24 Ernest Johnson K7EAJ
- 26 Sally Butterfield N7WAL
- 27 Jeff Repp KD7EFM